| Sl. No | Description of Items | No | Length | Width | Depth | Quantity | Unit | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | Area weightage, ~~6.0%~~ ST = 794.76 | 42.96 | | | | | | | |
| | Sub Total AW = 6% = 47.69 | ~~758.96~~ | 842.45 | | | | | | |
| | **Consider for house length frm item No-82** | | | | 98.95 | ~~107.72~~ | | 842.45 | |
| | | | | | 98.95 | ~~107.72~~ | Cum | ~~758.96~~ | ~~81,753.65~~ |
| | | | | | | | | | 83361.68 |
| 84 | Providing **granite slabs** of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete.(7.5cms thick)( I No-5.31.1,P No-25) | | | | | | | | |
| | Basic Rate = 628.00, 11% = 69.08 | 628.00 | | | | | | | |
| | Area weightage, ~~6.0%~~ ST = 697.08 | 37.68 | | | | | | | |
| | Sub Total AW = 6% = 41.82 | ~~665.68~~ | 738.90 | | | | | | |
| | **Drain Slab** | | | | | | | | |
| | Consider for missing | | | | 365.18 | ~~428.11~~ | | | |
| | Consider for Damaged frm item-79 | | | | 164.33 | ~~128.43~~ | | 738.90 | |
| | | | | | 529.51 | ~~556.54~~ | Sqm | ~~665.68~~ | ~~370479.54~~ |
| | | | | | | | | | 391258.22 |
| 85 | Providing and Fixing **pre cast covering Slab** made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete. (Data Rate) | | | | | | | | |
| | Data Rate | **2100.00** | | | | | | | |
| | **Shanthivana layout** | | | | | | | | |
| | 3rd cross | 2 | 186.00 | 0.90 | | 334.80 | | | |
| | 4th cross | 2 | 182.00 | 0.90 | | 327.60 | | | |
| | 5th cross | 2 | 172.00 | 0.90 | | 309.60 | | | |
| | Amco Layout - 1st main | | | | | | | | |
| | 2nd cross | 2 | 72.00 | 0.90 | | 129.60 | | | |
| | 3rd cross | 2 | 70.00 | 0.90 | | 126.00 | | | |
| | 4th cross | 2 | 61.00 | 0.90 | | 109.80 | | | |
| | 3rd main | | | | | | | | |
| | 1st cross | 2 | 67.00 | 0.90 | | 120.60 | | | |
| | 2nd cross | 2 | 68.00 | 0.90 | | 122.40 | | | |
| | connecting road | 2 | 68.00 | 0.90 | | 122.40 | | | |
| | 16th cross CQAL Layout | 2 | 195.00 | 0.90 | | 351.00 | | | |
| | 8th main, 16th cross | 2 | 240.00 | 0.90 | | 432.00 | | | |
| | consider shoulder drain @ 30.00m | 16 | 3.00 | 0.60 | | 28.80 | | | |
| | | | | | 2149.20 | ~~2514.60~~ | | | |
| | Deduct 30% for BS Slab covering | | | | 644.76 | ~~502.92~~ | | | |
| | | | | | 1504.44 | ~~2011.68~~ | Sqm | 2100.00 | ~~4224528.00~~ |
| | | | | | | | | | 3159324.00 |
| 86 | Providing **granite slabs** of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete.(10cms thick)( I No-5.31.2,P No-25) | | | | | | | | |
| | Basic Rate = 779.00, 11% = 85.69 | 779.00 | | | | | | | |
| | Area weightage, ~~6.0%~~ ST = 864.69 | 46.74 | | | | | | | |
| | Sub Total AW = 6% = 51.88 | ~~825.74~~ | 916.57 | | | | | | |
| | **Drain Slab** | | | | | | | | |
| | Consider frm item 85 | | | | 644.76 | ~~502.92~~ | | 916.57 | |
| | | | | | 644.76 | ~~502.92~~ | Sqm | ~~825.74~~ | ~~415281.16~~ |
| | | | | | | | | | 590968.58 |

| Sl. No | Description of Items | No | Length | Width | Depth | Quantity | Unit | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 87 | KSRB 5-8.2 : Providing two line dressing to granite stone slab / granite stone masonry as per specifications. KBS 5.1.13 ( I No-5.18,P No-24) | | | | | | | | |
| | Basic Rate = 909.00, 11% = 99.99 | 909.00 | | | | | | | |
| | Area weightage, ~~6.0%~~ ST = 1008.99 | 54.54 | | | | | | | |
| | Sub Total AW = 6% = 60.54 | ~~963.54~~ | 1069.53 | | | | | | |
| | **Drain Slab** | | | | | | | | |
| | Consider frm item 86 | | | | 644.76 | ~~502.92~~ | | 1069.53 | |
| | | | | | 644.76 | ~~502.92~~ | Sqm | ~~963.54~~ | ~~484583.54~~ |
| | | | | | | | | | 689589.78 |
| 88 | Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete( I No-5.30,P No-25) | | | | | | | | |
| | Basic Rate = 313.00, 11% = 34.43 | 313.00 | | | | | | | |
| | Area weightage, ~~6.0%~~ ST = 347.43 | 18.78 | | | | | | | |
| | Sub Total AW = 6% = 20.85 | ~~331.78~~ | 368.28 | | | | | | |
| | **Shanthivana layout** | | | | | | | | |
| | 3rd cross | 2 | 186.00 | | | 372.00 | | | |
| | 4th cross | 2 | 182.00 | | | 364.00 | | | |
| | 5th cross | 2 | 172.00 | | | 344.00 | | | |
| | Amco Layout - 1st main | | | | | | | | |
| | 2nd cross | 2 | 72.00 | | | 144.00 | | | |
| | 3rd cross | 2 | 70.00 | | | 140.00 | | | |
| | 4th cross | 2 | 61.00 | | | 122.00 | | | |
| | 3rd main | | | | | | | | |
| | 1st cross | 2 | 67.00 | | | 134.00 | | | |
| | 2nd cross | 2 | 68.00 | | | 136.00 | | | |
| | connecting road | 2 | 68.00 | | | 136.00 | | | |
| | 16th cross CQAL Layout | 2 | 195.00 | | | 390.00 | | | |
| | 8th main, 16th cross | 2 | 234.00 | | | 468.00 | | | |
| | consider shoulder drain @ 30.00m | 16 | ~~3.00~~ 3.20 | 3.00 | | ~~144.00~~ | 153.60 | | |
| | | | | | 2497.60 | ~~2894.00~~ | | 368.28 | |
| | | | | | 5550.22 | ~~6431.00~~ | mo's | ~~331.78~~ | ~~2133677.18~~ |
| | | | | | | | | | 2044012.53 |
| 89 | KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. ( I No-15.51.1,P No-117) | | | | | | | | |
| | Basic Rate = 71.00, 11% = 7.81 | 71.00 | | | | | | | |
| | Area weightage, ~~6.0%~~ ST = 78.81 | 4.26 | | | | | | | |
| | Sub Total AW = 6% = 4.73 | ~~75.26~~ | 83.54 | | | | | | |
| | **Shanthivana layout** | | | | | | | | |
| | 3rd cross | 2 | 186.00 | 0.45 | | 167.40 | | | |
| | 4th cross | 2 | 182.00 | 0.45 | | 163.80 | | | |
| | 5th cross | 2 | 172.00 | 0.45 | | 154.80 | | | |
| | Amco Layout - 1st main | | | | | | | | |
| | 2nd cross | 2 | 72.00 | 0.45 | | 64.80 | | | |
| | 3rd cross | 2 | 70.00 | 0.45 | | 63.00 | | | |

| Sl No | Description of Items | No | Length | Width | Depth | Quantity | Unit | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | 4th cross | 2 | 61.00 | 0.45 | | 54.90 | | | |
| | 3rd main | | | | | | | | |
| | 1st cross | 2 | 67.00 | 0.45 | | 60.30 | | | |
| | 2nd cross | 2 | 68.00 | 0.45 | | 61.20 | | | |
| | connecting road | 2 | 68.00 | 0.45 | | 61.20 | | | |
| | 16th cross CQAL Layout | 2 | 195.00 | 0.45 | | 175.50 | | | |
| | 8th main, 16th cross | 2 | 237.00 | 0.45 | | 213.30 | | 83.54 | |
| | | | | | 1057.50 | ~~1240.20~~ | Sqm | ~~75.26~~ | ~~93,337.45~~ |
| | | | | | | | | | 88342.07 |
| 90 | KSRRB M300- Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification No. 305 | | | | | | | | |
| | Basic Rate = 302.00, 11% = 33.22 | 302.00 | | | | | | | |
| | Area weightage, ~~6.0%~~ ST = 335.22 | 18.12 | | | | | | | |
| | Sub Total AW = 6% = 20.11 | ~~320.12~~ | 355.33 | 3.15 | 0.35 | 529.20 | | | |
| | 8th main, 16th cross | 2 | 240.00 | ~~2.90~~ | ~~0.250~~ | ~~348.00~~ | | | |
| | consider shoulder drain @ 30.00m | -16 | 3.00 | 0.60 | ~~0.20~~ 0.35 | ~~-5.76~~ -10.08 | | 355.33 | |
| | | | | | | ~~342.24~~ | Cum | ~~320.12~~ | ~~109557.87~~ |
| | | | | | | 519.12 | | | 184460.52 |
| 91 | KSRB 14.6-1: Providing and laying heavy duty cobble stones ~~60~~ 70mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness ) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS. (P.No. 101, I.No. | | | | | | | | |
| | Basic Rate = 970.00, 11% = 106.70 | ~~912.00~~ | 970.00 | | | | | | |
| | Area weightage, ~~6.0%~~ ST = 1076.70 | 54.72 | | | | | | | |
| | Sub Total AW = 6% = 64.60 | ~~966.72~~ | 1141.30 | 3.15 | | 1512.00 | | | |
| | 8th main, 16th cross | 2 | 240.00 | ~~2.90~~ | | ~~1392.00~~ | | | |
| | consider shoulder drain @ 30.00m | -16 | 3.00 | 0.60 | | -28.80 | | 1141.30 | |
| | | | | | 1482.20 | ~~1363.20~~ | Sqm | ~~966.72~~ | ~~1317832~~.70 |
| | | | | | | | | | 1692779.13 |
| 92 | Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer | | | | | | | | |
| | Data Rate = | **5111.00** | | | | | | | |
| | For DWCC entrance | 1 | 5.00 | 1.50 | | 7.50 | | | |
| | | | | | | **7.50** | **Sqm** | **5111.00** | **38,332.50** |
| | | | | | | | | | |
| | | | | | | | | | |
| | **Materials Required for DWCC** | | | | | | | | |
| 93 | Weighing Machines - 300kg | | | | | | | | |
| | Data Rate | **12000.00** | | | | | | | |
| | | 1 | | | | 1.00 | | | |
| | | | | | | **1.00** | **Unit** | **12000.00** | **12,000.00** |
| | | | | | | | | | |

| Sl No | Description of Items | No | Length | Width | Depth | Quantity | Unit | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 94 | Weighing Machines - 100kg | | | | | | | | |
| | Data Rate | 8000.00 | | | | 1.00 | | | |
| | | 1 | | | | 1.00 | Unit | 8000.00 | 8,000.00 |
| 95 | Baler | | | | | | | | |
| | Data Rate | 3000.00 | | | | 1.00 | | | |
| | | 1 | | | | 1.00 | Unit | 3000.00 | 3,000.00 |
| 96 | Storage Racks, Measurement : 17ft x 2ft x 6ft | | | | | | | | |
| | Data Rate | 10000.00 | | | | 1.00 | | | |
| | | 1 | | | | 1.00 | Unit | 10000.00 | 10,000.00 |
| 97 | Fire extinguisher | | | | | | | | |
| | Data Rate | 2000.00 | | | | 1.00 | | | |
| | | 1 | | | | 1.00 | Unit | 2000.00 | 2,000.00 |
| 98 | First Aid Kit | | | | | | | | |
| | Data Rate | 500.00 | | | | 1.00 | | | |
| | | 1 | | | | 1.00 | Unit | 500.00 | 500.00 |
| 99 | PVC Sacks | | | | | | | | |
| | Data Rate | 25.00 | | | | 100.00 | | | |
| | | 100 | | | | 100.00 | Unit | 25.00 | 2,500.00 |
| 100 | Office table and Chair | | | | | | | | |
| | Data Rate | 6000.00 | | | | 1.00 | | | |
| | | 1 | | | | 1.00 | Unit | 6000.00 | 6,000.00 |
| 101 | Wardrobe | | | | | | | | |
| | Data Rate | 7000.00 | | | | 1.00 | | | |
| | | 1 | | | | 1.00 | Unit | 7000.00 | 7,000.00 |
| 102 | Stationary : Books for accounts, paper and pen. White board with pen (marker). | | | | | | | | |
| | Data Rate | 3200.00 | | | | 1.00 | | | |
| | | 1 | | | | 1.00 | Unit | 3200.00 | 3,200.00 |
| 103 | Sorting table : 6ft x 12 ft. ( Leg 1.2 ft). Use tetra pack on the top and fabrication | | | | | | | | |
| | Data Rate | 24500.00 | | | | 1.00 | | | |
| | | 1 | | | | 1.00 | Unit | 24500.00 | 24,500.00 |
| 104 | BESCOM DEPOSIT CHARGES | | | | | 1.00 | Ls | 14000.00 | 14,000.00 |
| | | | | | | | | | |

| Sl No | Description of Items | No | Length | Width | Depth | Quantity | Unit | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 94 | Weighing Machines - 100kg | | | | | | | | |
| | Data Rate | 8000.00 | | | | 1.00 | | | |
| | | 1 | | | | 1.00 | Unit | 8000.00 | 8,000.00 |
| 95 | Baler | | | | | | | | |
| | Data Rate | 3000.00 | | | | 1.00 | | | |
| | | 1 | | | | 1.00 | Unit | 3000.00 | 3,000.00 |
| 96 | Storage Racks, Measurement : 17ft x 2ft x 6ft | | | | | | | | |
| | Data Rate | 10000.00 | | | | 1.00 | | | |
| | | 1 | | | | 1.00 | Unit | 10000.00 | 10,000.00 |
| 97 | Fire extinguisher | | | | | | | | |
| | Data Rate | 2000.00 | | | | 1.00 | | | |
| | | 1 | | | | 1.00 | Unit | 2000.00 | 2,000.00 |
| 98 | First Aid Kit | | | | | | | | |
| | Data Rate | 500.00 | | | | 1.00 | | | |
| | | 1 | | | | 1.00 | Unit | 500.00 | 500.00 |
| 99 | PVC Sacks | | | | | | | | |
| | Data Rate | 25.00 | | | | 100.00 | | | |
| | | 100 | | | | 100.00 | Unit | 25.00 | 2,500.00 |
| 100 | Office table and Chair | | | | | | | | |
| | Data Rate | 6000.00 | | | | 1.00 | | | |
| | | 1 | | | | 1.00 | Unit | 6000.00 | 6,000.00 |
| 101 | Wardrobe | | | | | | | | |
| | Data Rate | 7000.00 | | | | 1.00 | | | |
| | | 1 | | | | 1.00 | Unit | 7000.00 | 7,000.00 |
| 102 | Stationary : Books for accounts, paper and pen. White board with pen (marker). | | | | | | | | |
| | Data Rate | 3200.00 | | | | 1.00 | | | |
| | | 1 | | | | 1.00 | Unit | 3200.00 | 3,200.00 |
| 103 | Sorting table : 6ft x 12 ft. ( Leg 1.2 ft). Use tetra pack on the top and fabrication | | | | | | | | |
| | Data Rate | 24500.00 | | | | 1.00 | | | |
| | | 1 | | | | 1.00 | Unit | 24500.00 | 24,500.00 |
| 104 | BESCOM DEPOSIT CHARGES | | | | | 1.00 | Ls | 14000.00 | 14,000.00 |
| | | | | | | | | | |

| Sl No | Description of Items | No | Length | Width | Depth | Quantity | Unit | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 15625669.03 | | Total Construction Cost | 15266412.00 |
| | | | | | | 1718823.59 | | 11.00% KRIDL Charges | 1679305.32 |
| | | | | | | 155400.00 | | PMC Charges | 155400.00 |
| | | | | | | 17499892.62 | | Sub Total | 17101117.32 |
| | | | | | | 107.38 | | Utility Shifting,Miscellaneous and Rounding off | 398882.68 |
| | GRAND TOTAL | | | | | | | | 17500000.00 |

**Certificate**

1. The workspot was inspected and works is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3. The rates adopted based on the PWD SR,Bangalore circle for year 2016-2017, issue rates and Data Rates. 11% AD-HOC is added as per order issued on 06-02-2018
4. The Provisions made in the estimate are Necessary and essential.

Assistant Engineer
Yelahanka Project Division

Assistant Executive Engineer
Yelahanka Project Division

Executive Engineer
Yelahanka Project Division

**Administrative Approval**

Accorded For Rs.175.00lakhs
Head of A/C P-3298
CER NO :25/17-18 Dt: 12/1/18

A.E.E. (Project)

**Technical Sanction**

Accorded For Rs.175.00lakhs
Head of A/C P-3298
CER NO :76/17-18 Dt:26/2/18

TA CE (YNK)